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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/067,446	02/04/2002	Alexander Medvinsky	70639	7552

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EXAMINER	
KHOMASSI, NIMA	
ART UNIT	**PAPER NUMBER**
2132	

DATE MAILED: 09/30/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/067,446	MEDVINSKY, ALEXANDER	
	Examiner	Art Unit	
	Nima Khomassi	2132	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *04 February 2002*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-24* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-24* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *04 February 2002* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date *20050912*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

1. The application having Application No. 10,067,446 has a total of 24 claims pending in the application; there are 4 independent claims and 20 dependent claims, all of which are ready for examination by the examiner. Claims 1-24 have been examined.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

> The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Regarding claims 1-3, 8, 18, and 21, the phrase "service ticket" is indefinite as it is unclear how applicant is defining the phrase. The usage of the phrase in the claims is different than the definition provided in the specification. The specification appears to use the term to mean ticket granting ticket.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-24 are rejected under 35 U.S.C. 102(b) as being anticipated by Windows 2000 Kerberos Authentication White Paper, Microsoft Corporation, 1999 (herein referred to as Reference 1).

4. As per claim 1, Reference 1 depict a method of verifying client authorization when requesting content and/or services from an application server, comprising the steps of:

generating a service ticket including a first copy of authorization data (pg. 27, para. 5, lines 3-5; Reference 1 teaches that authorization data is gathered or generated in two separate steps (or copies), the first takes place when the KDC in a Windows 2000 domain prepares a TGT.); and

sending a second copy of the authorization data to a client (pg. 27, para. 4, lines 4-6; Reference 1 teaches that authorization data is gathered or generated in two separate steps (or copies), the second takes place when the KDC in a Windows 2000 domain prepares a session ticket.); and

sending the service ticket to the client (pg. 27, para. 4, lines 1-3).

5. As per claim 2, Reference 1 depict the method as claimed in claim 1, further comprising the step of:

generating an AS_REP, including the service ticket and the second copy of the authorization data (pg. 27, para. 5, lines 1-4; pg. 27, para. 4, lines 4-6); and

sending the AS_REP to the client (pg. 27, para. 5, lines 4-5).

6. As per claim 3, Reference 1 depict the method as claimed in claim 1, further comprising the steps of:

generating a ticket granting server reply (TGS_REP) including the service ticket (pg. 27, para. 6, lines 1-7), and

sending the ticket granting server reply to the client (pg. 27, para. 6, lines 1-7).

7. As per claim 4, Reference 1 depict the method as claimed in claim 3, further comprising the steps of:

receiving an authentication server request (AS_REQ) message from a client (pg. 27, para. 5, lines 1-2);

generating an authentication server reply (AS_REP) message (pg. 27, para. 5, lines 1-4);

sending the AS_REP to the client (pg. 27, para. 5, lines 2-5);

receiving a ticket granting server request (TGS_REQ) message from the client (pg. 27, para. 6, line 1); and

the step of generating the TGS_REP including generating the TGS_REP having two or more copies of authorization data including the second copy of the authorization data (pg. 27, para. 6, lines 1-7; pg. 27, para. 4, lines 4-6).

8. As per claim 5, Reference 1 depict the method as claimed in claim 3, further comprising the steps of:

generating an authentication server reply (AS_REP) message including the second copy of the authorization data (pg. 27, para. 5, lines 1-4; pg. 27, para. 4, lines 4-6); and

sending the AS_REP to the client including the step of sending the second copy of the authorization data to the client (pg. 27, para. 5, lines 1-4; pg. 27, para. 4, lines 4-6).

9. As per claim 6, Reference 1 depict the method as claimed in claim 3, further comprising the steps of:

configuring the second copy of the authorization data such that the second copy of the authorization data is used by the client (pg. 32, step 2; pg. 27, para. 4, lines 4-6);.

10. As per claim 7, Reference 1 depict the method as claimed in claim 6, further comprising the step of:

encrypting the second copy of the authorization data using a client session key (pg. 32, step 2; pg. 27, para. 4, lines 4-6).

11. As per claim 8, Reference 1 depict the method as claimed in claim 7, further comprising the step of:

encrypting the service ticket using the server service key (pg. 32, step 2).

12. As per claim 9, Reference 1 depict the method as claimed in claim 7, wherein the step of encrypting using the client session key including using the session key from a ticket granting ticket in an AS_REP (pg. 32, step 2).

13. As per claim 10, Reference 1 depict the method as claimed in claim 6, further comprising the steps of:

the client determining desired content (pg. 31, para. 1);

the client verifying the desired content with the second copy of the authorization data (pg. 32, step 1; pg. 27, para. 4, lines 4-6);

the client generating a request for content (pg. 32, step 1);

the client sending the request for content to a third party server (pg. 32, step 2); and

the third party server sending third party information to the client later used by

the application server in determining client authorization for the requested content (pg. 32, step 2).

14. As per claim 11, Reference 1 depict the method as claimed in claim 6, further comprising the steps of:

receiving a key request (KEY_REQ) from the client (pg. 32, step 1);

generating a key reply (KEY_REP) (pg. 32, step 2);

forwarding the KEY_REP to the client (pg. 32, step 2);

the client generating a request for content (pg. 32, step 1);

the client verifying the request for content with the second copy of the authorization data (pg. 32, step 2; pg. 27, para. 4, lines 4-6); and

the client sending the request for content to an application server if the client verifies there are no errors in the request for content (pg. 32, step 2).

15. As per claim 12, Reference 1 depict the method as claimed in claim 6, further comprising the steps of:

receiving a request for content (pg. 27, para. 5, lines 1-2);

sending at least a portion of the requested content to the client (pg. 27, para. 5, lines 4-5); and

the step of configuring the second copy of the authorization data including configuring the second copy of the authorization data such that the client is capable of using the second copy of the authorization to determine at least an authorized use of the requested content (pg. 27, para. 4, lines 1-3; pg. 27, para. 4, lines 4-6).

16. As per claim 13, Reference 1 depict the method as claimed in claim 12, further comprising the steps of:

the step of configuring the second copy of the authorization data such that the client is capable of using the second copy of the authorization to determine if the client is authorized to store the requested content (pg. 27, para. 4, lines 1-6).

17. As per claim 14, Reference 1 depict the method as claimed in claim 13, further comprising the steps of:

the step of configuring the second copy of the authorization data such that the client is capable of using the second copy of the authorization to determine if the client is authorized to play back the requested content (pg. 27, para. 4, lines 1-6).

18. As per claim 15, Reference 1 depict a system for providing secure communication across the system, comprising:

a key distribution center (KDC) first stage being configured to issue a ticket granting ticket (TGT) to a client (pg. 27, para. 5, lines 1-2); and

a KDC second stage being configured to generate a ticket granting server reply including at least two copies of authorization data in response to a TGT received from the client (pg. 27, para. 6, lines 1-7; pg. 27, para. 4, lines 4-6).

19. As per claim 16, Reference 1 depict the system as claimed in claim 15, further comprising:

the client being configured to receive the ticket granting server reply and to utilize one copy of the authorization data to verify authorization (pg. 27, para. 6, lines 1-7).

20. As per claim 17, Reference 1 depict the system as claimed in claim 15, further comprising:

the client being coupled with an application server, wherein the application server being configured to supply content to the client (pg. 27, para. 4, lines 1-3); and

the client being further configured to use the one copy of the authorization data to verify authorized use of the content (pg. 27, para. 4, lines 3-7).

21. As per claim 18, Reference 1 depict a system for providing a client with access to content and/or services,

comprising the steps of:

a means for generating a service ticket including a first copy of authorization data(pg. 27, para. 4., lines 3-6; pg. 27, para. 5, lines 3-5);

a means for generating a ticket granting server reply including the service ticket and a second copy of the authorization data (pg. 27, para. 6, lines 1-7; pg. 27, para. 4, lines 4-6); and

a means for sending the ticket granting server reply to a client (pg. 27, para. 4, lines 1-3).

22. As per claim 19, Reference 1 depict the system as claimed in claim 18, wherein the means for generating the ticket granting server reply includes a means for encrypting at least the second copy of the authorization data using a client session key (pg. 32, step 2; pg. 27, para. 4, lines 4-6).

23. As per claim 20, Reference 1 depict the system as claimed in claim 19, wherein the means for encrypting at least the second authorization data includes a means for encrypting at least the second copy of the authorization data such that the client is capable of decrypting and utilizing the second copy of the authorization data (pg. 32, step 2; pg. 27, para. 4, lines 4-6).

24. As per claim 21, Reference 1 depict the system as claimed in claim 20, wherein the means for generating the service ticket includes a means for encrypting at least the first copy of the authorization data using a server key (pg. 32, step 2; pg. 27, para. 5, lines 3-5).

25. As per claim 22, Reference 1 depict the system as claimed in claim 18, wherein the second copy of the authorization data being configured to allow the client to verify a request for services from an application server (pg. 27, para. 5, lines 1-8; pg. 27, para. 4, lines 4-6).

26. As per claim 23, Reference 1 depict the system as claimed in claim 18, wherein the second copy of the authorization data being configured to allow the client to determine authorized use of received content (pg. 27, para. 4, lines 1-3; pg. 27, para. 4, lines 4-6).

27. As per claim 24, Reference 1 depict a system for providing secure communication across the system, comprising:

a key distribution center (KDC) first stage being configured to issue a ticket granting ticket (TGT) and at least a client copy of authorization data to a client (pg. 27, para. 5, lines 3-5),

wherein the client copy of the authorization data is configured such that the client is capable of determining client authorization (pg. 27, para. 4, lines 1-6; para. 5, lines 1-8); and

a KDC second stage being configured to generate a ticket granting server reply (pg. 27, para. 6, 1-3; pg. 27, para. 4, lines 4-6).

Conclusion

28. Any inquiry concerning this communication or earlier communications should be directed to Nima Khomassi whose telephone number is (571) 272-3775. The examiner can normally be reached Monday-Friday from 8:30 AM to 5:00 PM.

29. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron Jr., can be reached at (571) 272-3799.

30. The fax number for Formal or Official faxes to Technology Center 2100 is 571-273-8300. On July 15, 2005, the Central Facsimile (FAX) Number changed from 703-872-9306 to 571-273-8300. As of September 15, 2005, the old number is no longer in service and 571-273-8300 is the only facsimile number recognized for centralized delivery.

31. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have any questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Nima Khomassi
September 26, 2005
Art Unit #2132

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